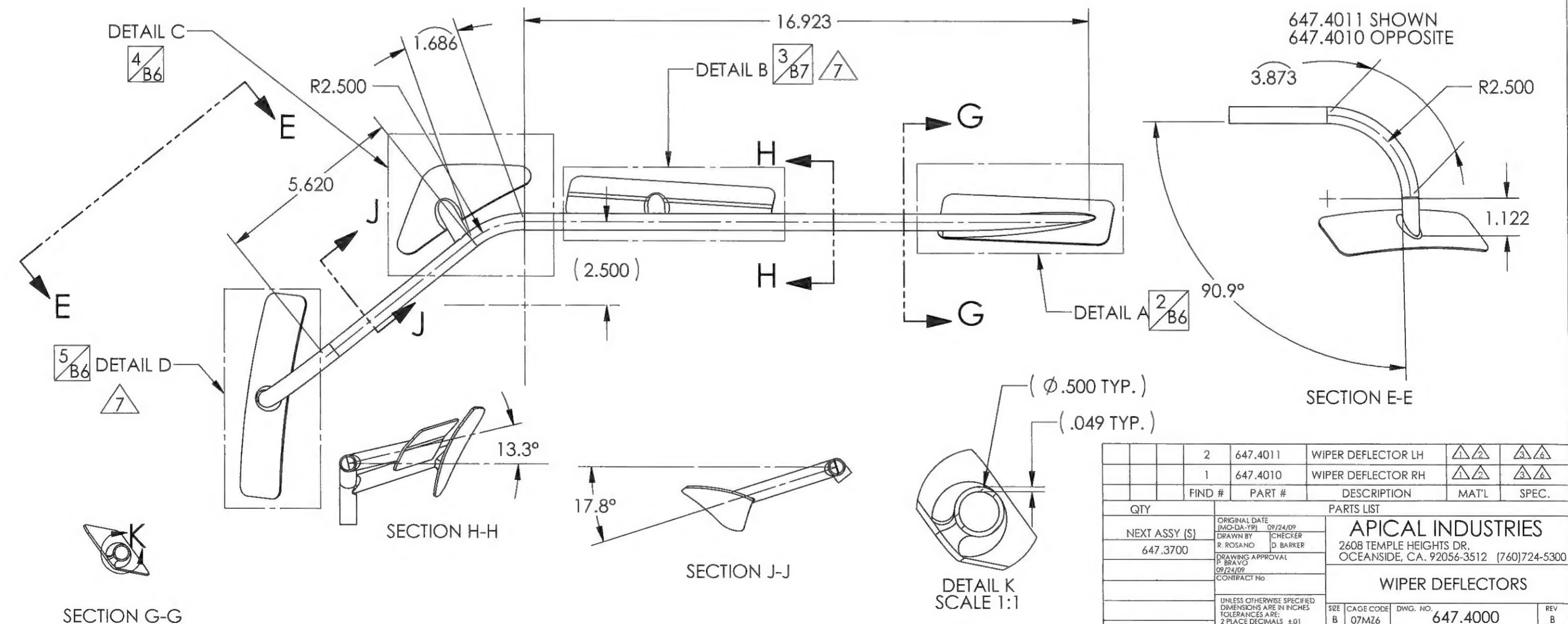


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NOTES: UNLESS OTHERWISE SPECIFIED

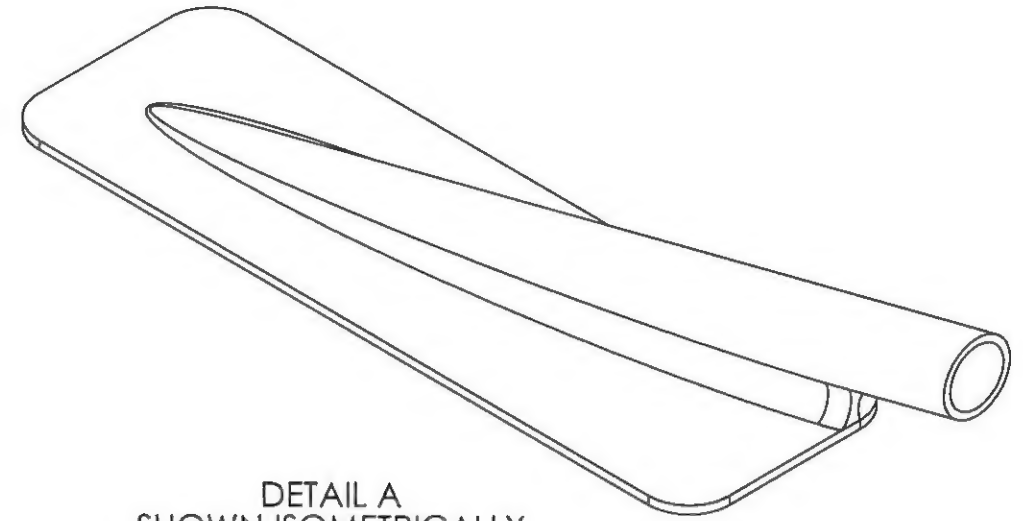
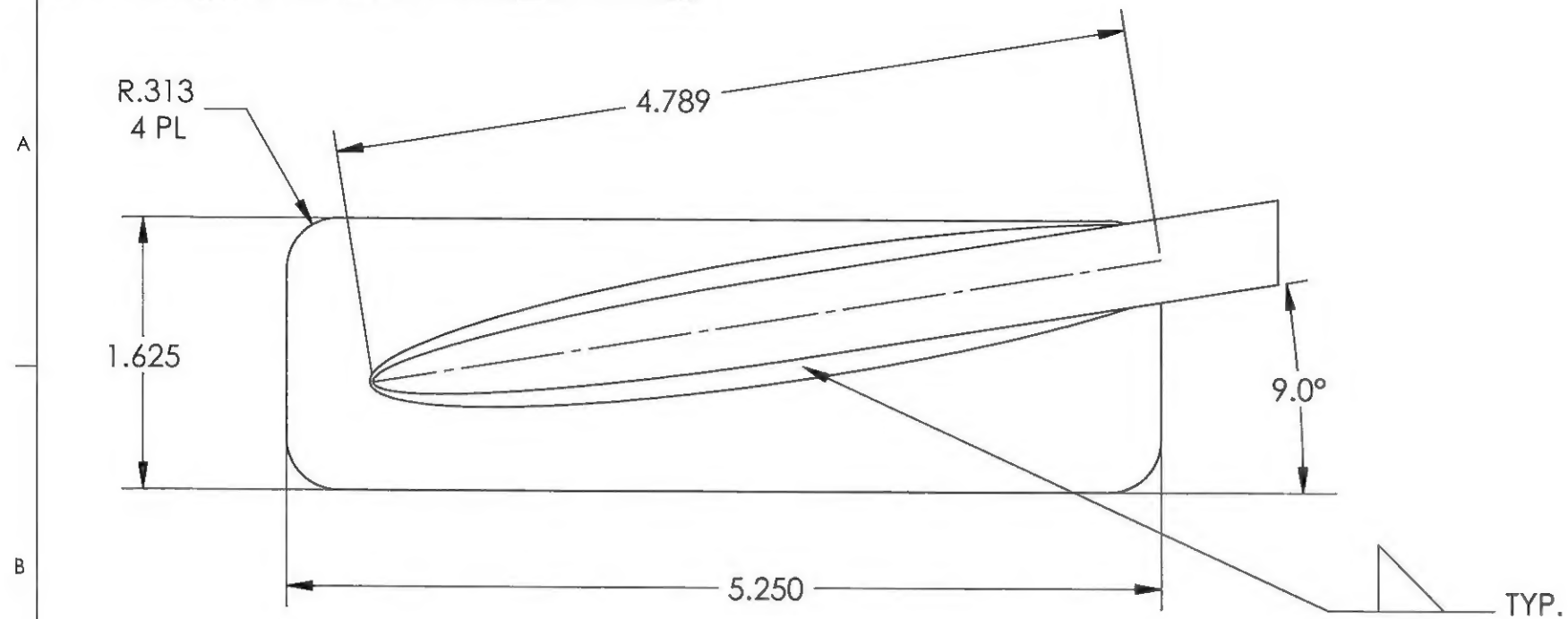
1. MATERIAL: 4130 STEEL PER AMS-S-18729, .06" THK
2. MATERIAL: 4130 STEEL PER AMS-T-6736, .50" OD, .049" THK
3. FINISH: PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX
4. DEBURR AND BREAK ALL SHARP EDGES
5. IDENTIFY IAW MPP-120.
6. WELD IAW MIL-STD-2219. TIG WELD WITH FILLER ROD.
7. WILL BE TRIMMED AS NECESSARY TO FIT ON AIRCRAFT. PRIME AND PAINT PART AS NECESSARY AFTER TRIMMING.
8. ALL DIMENSIONS LISTED ARE AFTER PAINT AND PRIMER IS APPLIED.

| REVISIONS | | | |
|-----------|------------------------------|----------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| | LAST PROTOTYPE REVISION: PR3 | | N/C |
| N/C | INITIAL RELEASE | 09/24/09 | P. BRAVO |
| A | INCORPORATED ECN 03441 | 03/20/12 | P. BRAVO |
| B | INCORPORATED ECN 03516 | 05/14/12 | P. BRAVO |

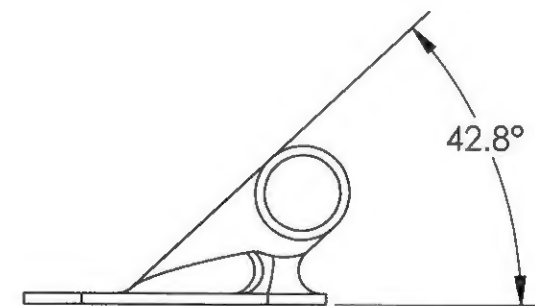
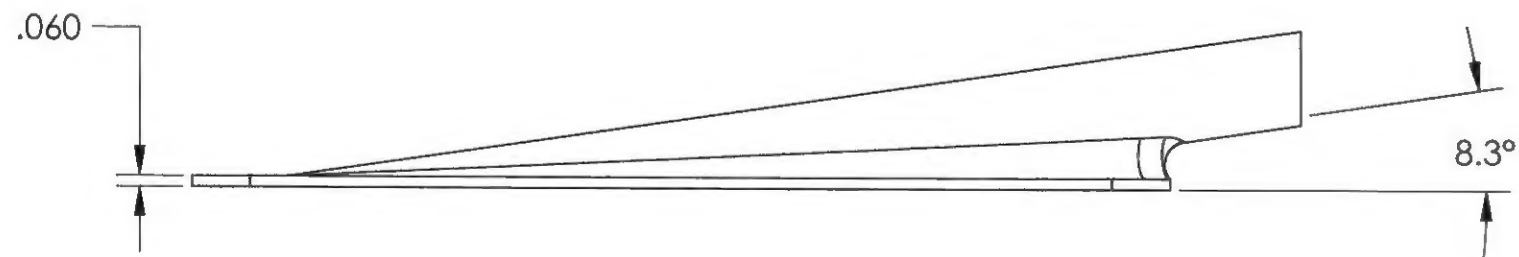


| QTY | FIND # | PART # | DESCRIPTION | MAT'L | SPEC. |
|--|--------|-----------|--------------------|--------------|-------|
| 2 | | 647.4011 | WIPER DEFLECTOR LH | 1 2 | 3 4 |
| 1 | | 647.4010 | WIPER DEFLECTOR RH | 1 2 | 3 4 |
| PARTS LIST | | | | | |
| APICAL INDUSTRIES | | | | | |
| 2608 TEMPLE HEIGHTS DR. | | | | | |
| OCEANSIDE, CA. 92056-3512 (760)724-5300 | | | | | |
| WIPER DEFLECTORS | | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS \pm .01 3 PLACE DECIMALS \pm .005 ANGLES \pm .5° | SIZE | CAGE CODE | DWG. NO. | REV | |
| | B | 07M26 | 647.4000 | B | |
| SCALE NONE | | | | SHEET 1 OF 5 | |

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DETAIL A
SHOWN ISOMETRICALLY

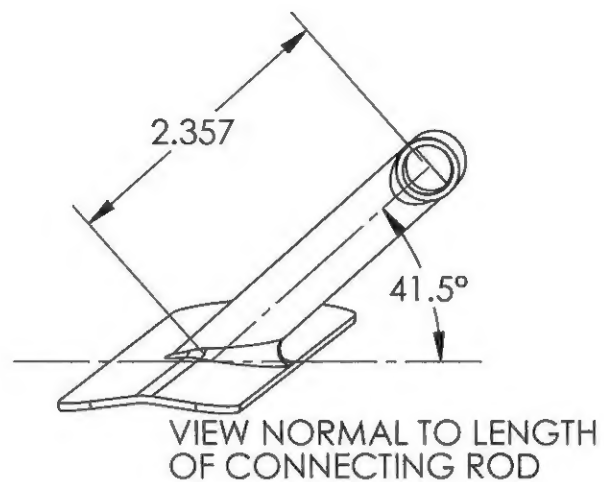
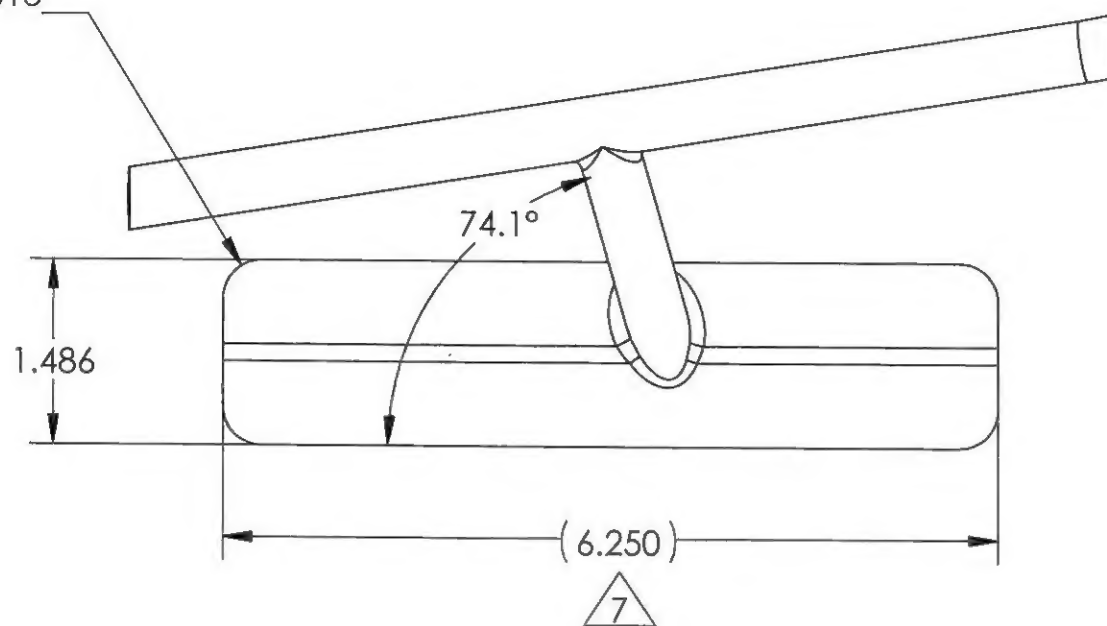


| | | | |
|---|----------------------|---|----------------------|
| ORIGINAL DATE (MO-DA-YR) 09/24/09 | | APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300 | |
| DRAWN BY R. ROSANO | CHECKER D. BARKER | | |
| DRAWING APPROVAL P. BRAVO | | | |
| CONTRACT No. | | WIPER DEFLECTORS | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5° | | SIZE B | REV B |
| | | CAGE CODE 07MZ6 | DWG. NO. 647.4000 |
| | | SCALE: NONE | |
| | | SHEET | 2 OF 5 |

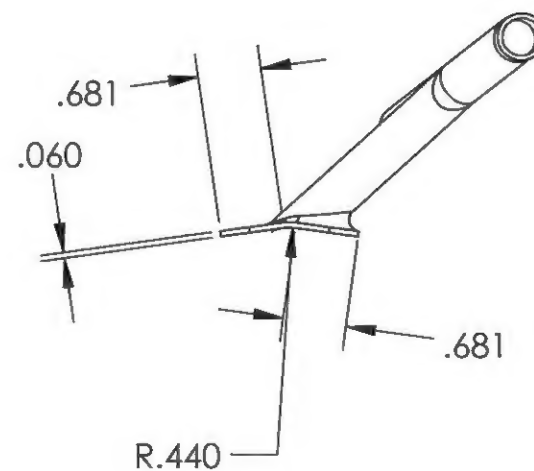
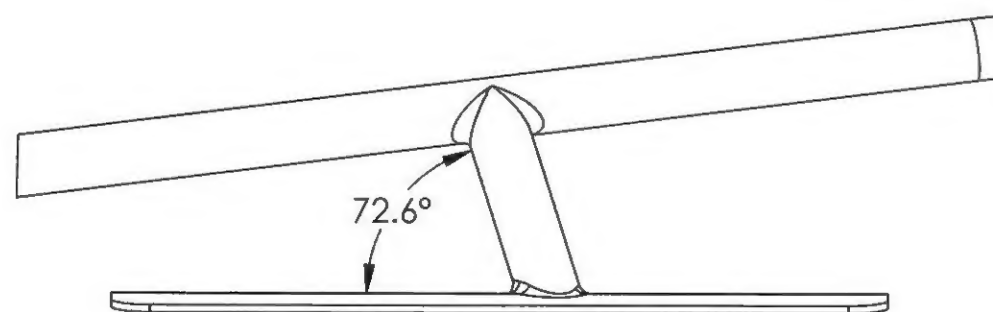
1 2 3 4 5 6 7 8

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A
TRUE R.313
4 PL

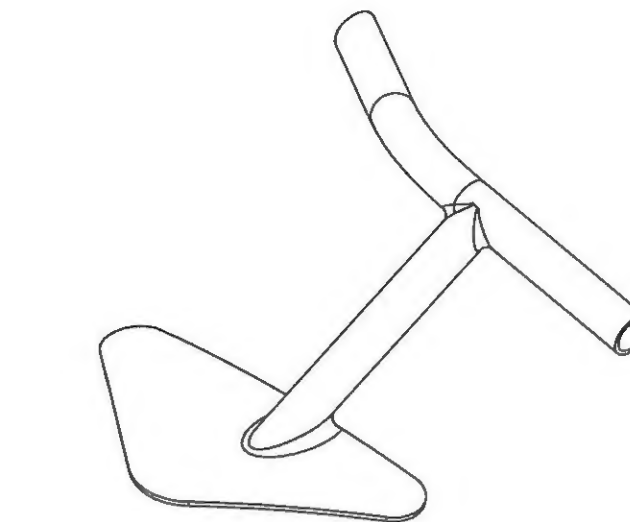
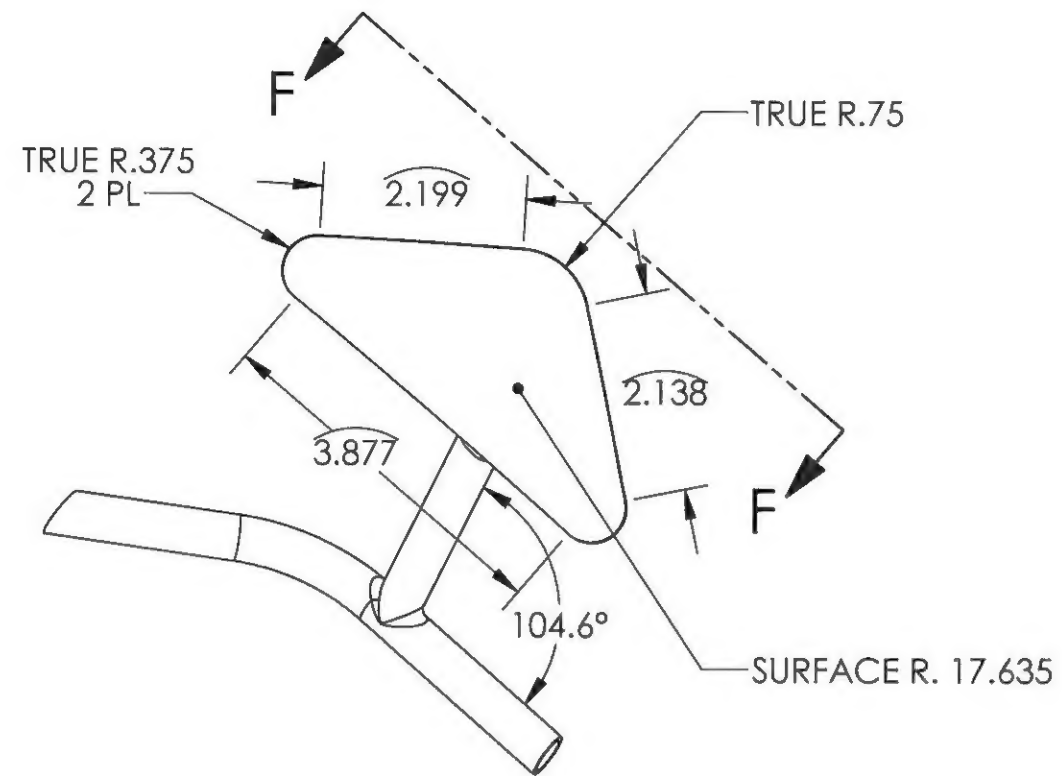


DETAIL B
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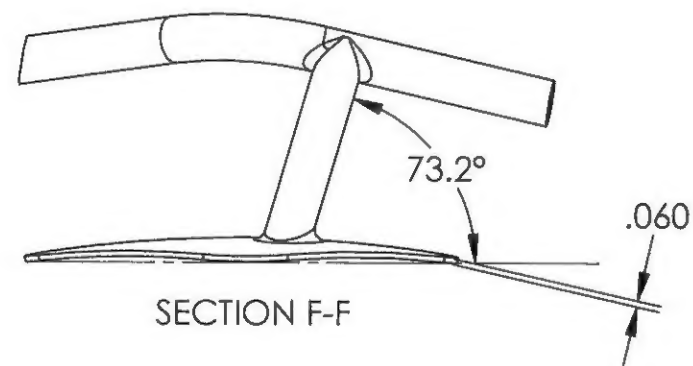


| | | | |
|--|----------------------|--|----------------------|
| ORIGINAL DATE (MO-DA-YR) 09/24/09 | | APICAL INDUSTRIES | |
| DRAWN BY R. ROSANO | CHECKER D. BARKER | 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300 | |
| DRAWING APPROVAL P. BRAVO 09/24/09 | | WIPER DEFLECTORS | |
| CONTRACT No. | | SIZE B | REV B |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5° | | CAGE CODE 07MZ6 | DWG. NO. 647.4000 |
| | | SCALE NONE | SHEET 3 OF 5 |

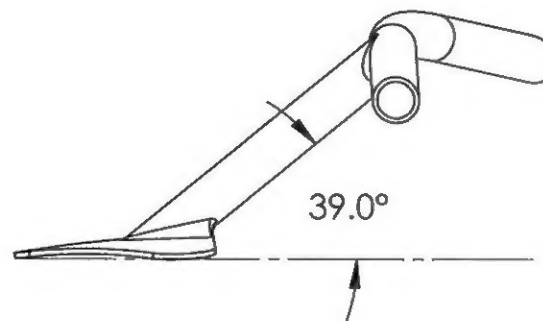
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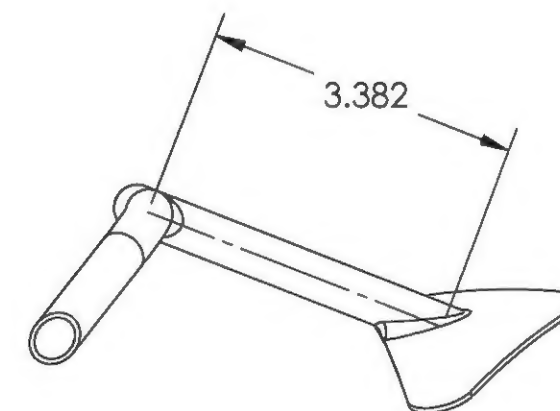
DETAIL C
SHOWN ISOMETRICALLY



SECTION F-F



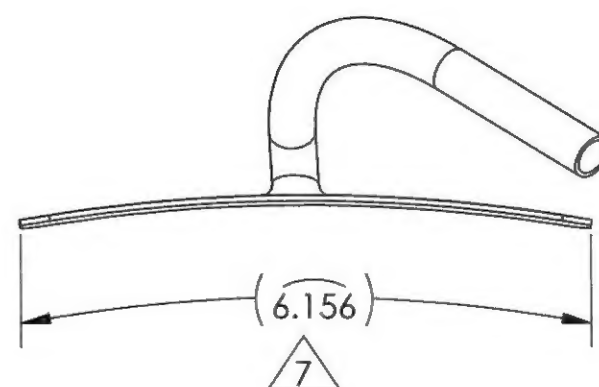
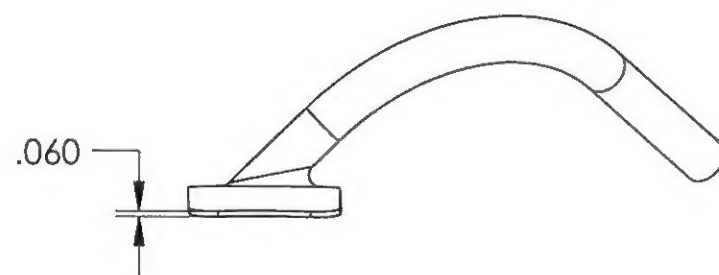
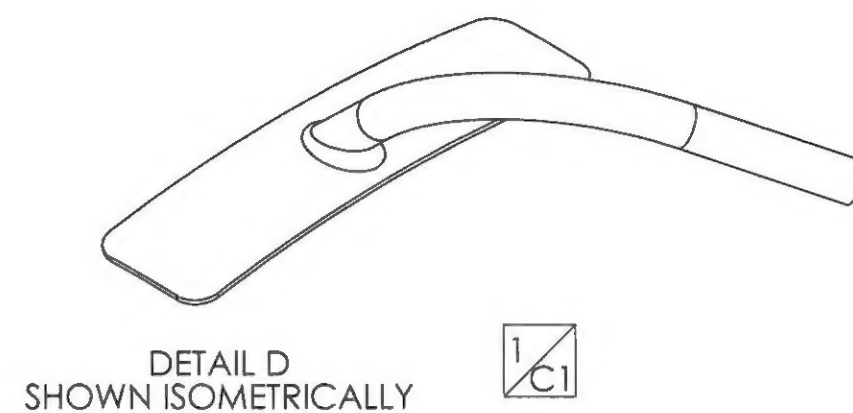
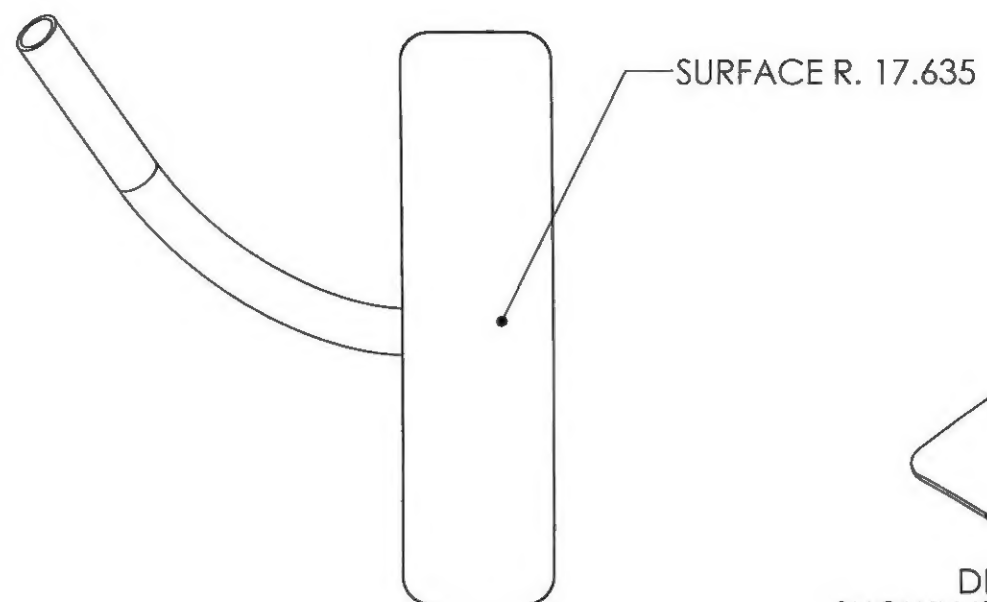
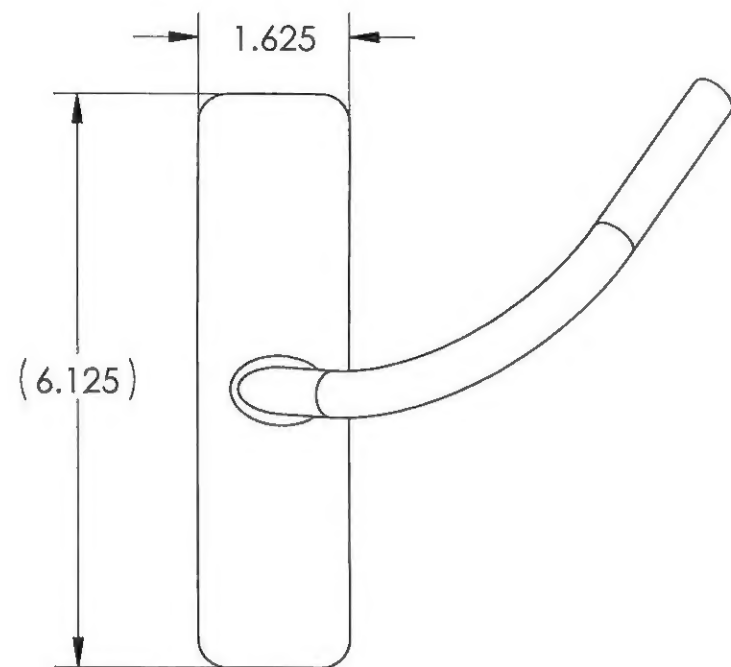
39.0°



VIEW NORMAL TO LENGTH
OF CONNECTOR ROD

| | | | |
|---|----------------------|---|----------------------|
| ORIGINAL DATE (MO-DA-YR) 09/24/09 | | APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300 | |
| DRAWN BY R. ROSANO | CHECKER D. BARKER | | |
| DRAWING APPROVAL P. BRAVO 09/24/09 | | WIPER DEFLECTORS | |
| CONTRACT No. | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5° | | SIZE B | REV B |
| | | CAGE CODE 07MZ6 | DWG. NO. 647.4000 |
| | | SCALE NONE | |
| | | SHEET 4 OF 5 | |

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|---|----------------------|---|----------------------|
| ORIGINAL DATE (MO-DA-YR) 09/24/09 | | APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300 | |
| DRAWN BY R. ROSANO | CHECKER D. BARKER | | |
| DRAWING APPROVAL P. BRAVO 09/24/09 | | WIPER DEFLECTORS | |
| CONTRACT No. | | SIZE B | REV. B |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5° | | CAGE CODE 07MZ6 | DWG. NO. 647.4000 |
| | | SCALE NONE | SHEET 5 OF 5 |